



**2024 IEEE World Forum on Public Safety Technology (WF-PST)**

Showcasing Technology Transforming Public Safety

**14-15 May 2024 | Washington, D.C.**

IEEE  
IEEE Public Safety Technology

ieee-wfpst.org



## Call for Papers

The first IEEE World Forum on Public Safety Technology (IEEE WF-PST 2024) aims to foster engagement and dialog among researchers and practitioners on addressing current and future needs and improving current and emerging technologies for public safety applications. Consideration will be given to identifying the importance and value for new technologies that could be used for Public Safety applications.

Topics of Interest may include the following fields but are not limited under the tracks listed below.

### Track 1: Public Safety in Communication and Networking

- Non terrestrial networks for public safety
- RIS/holographic MIMO aided communications for public safety
- Integrated sensing and communications for public safety
- Wireless backhaul, integrated access and backhaul for public safety
- High frequency MmWave, THz channel modeling for public safety applications
- Police communications and applications
- Next Generation Multiple Access Schemes and Interference management for public safety
- Localization and tracking in public safety

### Track 2: Public Safety in Transportation

- V2V, V2X vehicular networking for public safety applications
- Intelligent transportation systems
- Intelligent transport monitoring systems
- Intelligent traffic management for traffic safety
- Risk assessment of autonomous transport systems
- Networking alarm systems for vehicle anti-theft

#### Important Dates:

##### Paper Submission Deadline:

18 December 2023

*(extended, firm)*

##### Notification of Acceptance:

29 January 2024

##### Camera-ready Version:

25 March 2024

##### For More Details Visit:

<https://ieee-wfpst.org/>

#### Technical Program Co-Chairs

**Periklis Chatzimisios**, International Hellenic University, Greece and University of New Mexico, USA

**Kamesh Namuduri**, University of North Texas

### **Track 3: Edge Computing, Cloud Computing, and IoT for Public Safety**

- Mobile edge computing and cloud computing for public safety
- RFID technology and applications in public safety
- Internet of Things (IOT) technology and application
- Internet of Intelligent Things (IoIT), Internet of Space Things (IoST) for public safety
- Emergency rescue system
- Public safety applications

### **Track 4: Public Safety in Blockchain and Forensics**

- Blockchain for forensics
- Digital forensics
- Anti-counterfeiting technology and application
- Biometrical identification technology
- Anomaly detection and fraud detection

### **Track 5: Security, Privacy and Trust**

- Security systems for community safety protection
- Security alarming systems
- Access control systems
- Information safety and protection
- Cybersecurity and privacy of public safety
- Credibility of online content
- Misinformation/disinformation and misbehavior analysis and detection
- Security, privacy and trust and issues in social networks

### **Track 6: AI/ML, Smart Algorithms, and Intelligent Systems for Public Safety**

- AI, machine learning and federated learning based public safety technologies
- Building intelligence and automation systems
- Machine learning and artificial intelligence security
- Safety systems and networks for avoiding environmental disasters
- Case studies of Public Safety systems
- Experiences and best practices in implementing public safety systems
- Experimentation and testbed findings for public safety systems

### **Track 7: Health and Wellness of Public Safety Personnel**

- Wearables for extreme climates
- Real-time monitoring of public safety personnel
- Resilience assessment and development
- Mental health apps

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